

Converting Colors

XYZ(31.5948, 32.6884, 38.8267)

Have a look what the booklet for
XYZ(31.5948, 32.6884, 38.8267)
contains.

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Color

**XYZ(31.5948, 32.6884,
38.8267)**

Conversions

Conversions Part 1

Format	Color
Hex	9B9AA2
RGB	155, 154, 162
RGB Percent	61%, 60%, 64%
CMY	0.3922, 0.3961, 0.3647
CMYK	0.04, 0.05, 0.00, 0.36
HSL	247°, 4%, 62%
HSV	247°, 5%, 64%
XYZ	31.5948, 32.6884, 38.8267
YIQ	155.2110, -1.9720, 2.7000

Conversions

Conversions Part 2

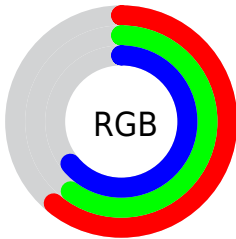
Format	Color
RYB	155, 154, 162
Decimal	10197666
CIELab	63.91, 1.93, -4.05
CIELCh	64, 4.490, 295.473
Yxy	32.6884, 0.3064, 0.3170
Android (android.graphics.Color)	4288387746 (0xFF9B9AA2)
YUV	155.2110, 3.3470, -0.1850
Hunter-Lab	57.1738, -1.4132, -0.2422

Details

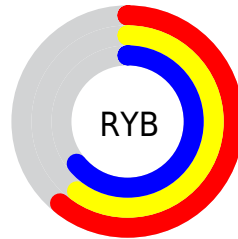
The XYZ color **31.5948, 32.6884, 38.8267** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.4522, 35.7517, 35.7111**, and the grayscale version is **31.2362, 32.8629, 35.7877**.

A 20% lighter version of the original color is **61.3748, 63.6768, 74.7017**, and **13.3736, 13.7693, 16.7047** is the 20% darker color. If you saturate the color by 10%, you get **26.5364, 26.3765, 37.8755**, and if you desaturate by 10%, it is **37.3355, 39.8896, 39.9146**.

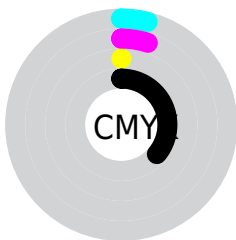
Distribution



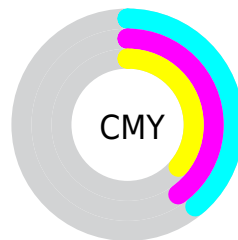
- Red (61%)
- Green (60%)
- Blue (64%)



- Red (61%)
- Yellow (60%)
- Blue (64%)



- Cyan (4%)
- Magenta (5%)
- Yellow (0%)
- Black (36%)



- Cyan (39%)
- Magenta (40%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.5948, 32.6884, 38.8267 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 31.5948, 32.6884, 38.8267 by changing the saturation by 10% instead.

■ 31.5948, 32.6884,
38.8267

■ 31.5948, 32.6884,
38.8267

301.0475,
314.2433, 356.5571

■ 21.2062, 21.8878,
26.3181

■ 61.5448, 63.8887,
74.5909

■ 13.3882, 13.7745,
16.8339

■ 81.8370, 85.0573,
98.6837

■ 7.7752, 7.9640,
9.9554

106.1610,
110.4507, 127.4749

■ 4.0020, 4.0719,
5.2642

134.8824,
140.4532, 161.3831

■ 1.7033, 1.7139,
2.3417

168.3663,
175.4494, 200.8269

■ 0.4583, 0.4326,
0.7544

206.9783,

■ 0.0000, 0.0000,

215.8235, 246.2248

0.0000

251.0835,
261.9600, 297.9954

■ 31.5948, 32.6884,
38.8267

■ 31.5948, 32.6884,
38.8267

■ 26.5364, 26.3765,
37.8755

■ 37.3355, 39.8896,
39.9146

■ 22.1321, 20.9153,
37.0535

■ 43.7798, 48.0083,
41.1420

■ 18.3559, 16.2695,
36.3558

■ 50.9513, 57.0768,
42.5144

■ 15.1789, 12.3999,
35.7763

■ 58.8719, 67.1245,
44.0364

■ 12.5702, 9.2639,
35.3085

■ 67.5625, 78.1796,
45.7122

■ 10.4957, 6.8149,
34.9452

■ 77.0432, 90.2690,
47.5460

■ 8.9179, 5.0008,
34.6782

■ 83.2475, 95.2473,
48.1799

■ 7.7941, 3.7619,
34.4983

■ 83.5217, 95.3887,
48.1927

■ 7.0732, 3.0251,
34.3940

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



30.9735, 32.6884, 39.1747



31.5948, 32.6884, 38.8267



32.0811, 32.6884, 37.6009

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



31.5948, 32.6884, 38.8267



31.7631, 32.6884, 32.8018



29.8739, 32.6884, 35.3182

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



31.5948, 32.6884, 38.8267



33.4522, 35.7517, 35.7111

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



30.0791, 32.6884, 33.6561



31.5948, 32.6884, 38.8267



31.1653, 32.6884, 32.2349

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



31.5948, 32.6884, 38.8267



32.1791, 32.6884, 34.1165



30.5497, 32.6884, 32.5423



29.9854, 32.6884, 37.1096

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



31.5948, 32.6884, 38.8267



32.2603, 32.6884, 36.4721



30.5497, 32.6884, 32.5423



29.9080, 32.6884, 34.7264

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



31.5957, 32.6898, 38.8274



61.2919, 64.2709, 71.2312



32.6056, 34.9926, 39.2187



13.7793, 14.4518, 16.0008



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



31.5957, 32.6898, 38.8274



56.2144, 57.9133, 70.2717



32.3632, 33.0854, 38.8633



7.1130, 7.3178, 8.9407



5.3899, 2.1851, 27.0675



0.1358, 0.0576, 0.5698

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



32.8900, 33.3672, 38.4267



59.1038, 59.4258, 69.3708



32.6717, 35.3493, 35.6746



7.5027, 7.5218, 8.8189



15.5836, 7.5895, 20.7956



0.3374, 0.1634, 0.4893

Previews

White Background



This preview shows how the XYZ color 31.5948, 32.6884, 38.8267 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 31.5948, 32.6884, 38.8267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

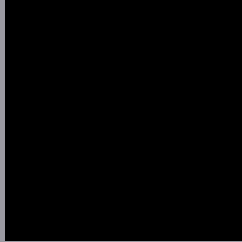
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.5948, 32.6884, 38.8267

Background



This preview shows how black text looks on a background with the XYZ color 31.5948, 32.6884, 38.8267.



This preview shows how white text looks on a background with the XYZ color 31.5948, 32.6884,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

31.5948, 32.6884, 38.8267

Protanopia

31.5948, 32.6884, 38.8267

Deuteranopia

33.2431, 32.5640, 39.1837



Tritanopia

31.9845, 32.6036, 40.6837

Trichromacy



Original Color

31.5948, 32.6884, 38.8267

Protanomaly

31.5948, 32.6884, 38.8267

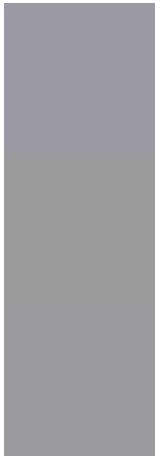
Deuteranomaly

32.5778, 32.4589, 39.1985

Tritanomaly

31.8931, 32.5670, 40.2024

Monochromacy



Original Color

31.5948, 32.6884, 38.8267

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.4105, 32.8799, 37.0387

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.5948, 32.6884, 38.8267 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(155, 154, 162)` looks like.

```
.text, #text, p{  
    color:rgb(155, 154, 162)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(155, 154, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 154, 162) }
```

Border

The CSS property to change the border of an element to XYZ 31.5948, 32.6884, 38.8267 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 154, 162) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(155, 154, 162) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(155, 154, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 154, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 154, 162);  
box-shadow:4px 4px 4px 4px rgb(155, 154,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 31.5948, 32.6884, 38.8267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 154, 162) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(155,  
154, 162) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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